

**AMENDMENTS TO THE SPECIFICATION**

**Please replace the first full paragraph on page 18 with the following amended paragraph:**

The undoped n-type (111) boron phosphide layer serving as the lower cladding layer 102 was found to have a carrier ~~(hole)~~-(electron) concentration of  $6 \times 10^{19} \text{ cm}^{-3}$  and a resistivity at room temperature of  $8 \times 10^{-3} \Omega \cdot \text{cm}$ . The undoped p-type (111) boron phosphide layer serving as the upper cladding layer 104 was found to have a carrier (hole) concentration of  $2 \times 10^{19} \text{ cm}^{-3}$  and a resistivity at room temperature of  $5 \times 10^{-2} \Omega \cdot \text{cm}$ .